

Pennichuck Water Works, Inc.
Pennichuck Aqueduct Company
Pennichuck East Utility, Inc.

DW 02-126

Pennichuck Water Works, Inc., Pennichuck Aqueduct Company and Pennichuck East
Utility, Inc.'s Response to City of Nashua's First Set of Data Requests

Date Request Received: July 29, 2002
Data Request No.: Nashua Pen 1-15

Date of Response: August 12, 2002
Witness: Donald Ware

REQUEST: Please provide a list of any known capital investments required or likely to be required in the next twenty (20) years for the Joint Petitioners. Include the estimated cost of each such improvement and the planned or likely time the improvement would begin and would be placed into service.

RESPONSE: The Joint Petitioners will make copies of their Five Year CIP (2002-2006) plus a projection of anticipated annual projections of Capital in years 2007+ available for inspection at the Nashua office of McLane, Graf, Raulerson & Middleton, Professional Association, 400 Amherst Street, Nashua. These documents may be reviewed upon reasonable advance notice to Kathryn Mulhearn, Legal Secretary, McLane, Graf, Raulerson & Middleton, Professional Association, (603)436-2818.

Exhibit K
Pennichuck Corporation and Subsidiaries
2002 Through 2006

(In thousands of dollars) - Revised 12-10-2001

	<u>2002</u>	<u>2003</u>	<u>2004</u>	<u>2005</u>	<u>2006</u>	<u>Five Year Total</u>	<u>2007+</u>
Supply & Watershed:							
Watershed Studies/Improvements	100	80	80	80	80		80
Supply Pond Dam			115	575			
Security Measures	265						
Harris Dam - Wing Wall				60	325		
Various upgrades to supply works*							250
Supply & Watershed	365	80	195	715	405	\$ 1,760	330
Treatment Improvements:							
D&M Station Structural Repairs	42						
UV Light Disinfection				1,000			
Pulsator Upgrades					100		
Filter Upgrades	2,400	2,100					
Replace Filter Media**			160	160	160		160
Future SDWA compliance***							300
Various Pump Upgrades & Equipment	393	325	325	325	325		325
Treatment Improvements					585	\$ 7,815	785
Distribution Infrastructure Replacement:							
CSO - Temple St. Project	500						
CSO - Dinsmore Street	280						
CSO - Robinson Road	234						
NHDOT-Broad St. Parkway-Sargent Ave. Ext.	390		250				
NHDOT-Broad St. Parkway-Blue Hill to Sullivan		180					
Water Main Replacements	641	850	850	850	850		850
Kessler Tank Painting	65				750		
Bon Terrain Tank Painting		228					
Piffeld Tank Painting			1,200				
Cleaning & Lining	-	520	520	520	520		520
Infrastructure Replacement	2,110	1,778	2,820	1,370	2,120	\$ 10,198	1,370
Distribution & Storage:							
Distribution Department	631	741	600	600	600		600
Water Main Upsizing	64	64	80	80	80		80
One X Revenue Contribution	75	80	80	90	100		100
Miscellaneous	116	110	110	110	110		110
GIS Project	89	250	150	50	50		50
Spitbrook Interconnection		110					
Armory Pump House				225			
Robin Hood High Pressure		50					
MVD Interconnection		425					
Shakespeare High Pressure		115					
Future Pump House/Pressure upgrade****					125		125
Hills Ferry Pressure Upgrade	98						
Distribution & Storage		1,945	1,020	1,155	1,065	\$ 6,258	1,065
Administration	62	62	62	62	62	\$ 310	62
Data Processing & Administration	312	300	300	300	300	\$ 1,512	300
Community Water Systems	306	350	350	350	350	\$ 1,706	350
Pittsfield Aqueduct Company	53	55	55	55	55	\$ 273	55
Pennichuck East Utility	1,283	1,200	1,200	650	650	\$ 4,983	650
Grand Total	8,399	8,195	6,487		5,592	34,815	4,967
Cost Inflator	100.0%	103.0%	106.1%		112.6%		116%
Adjusted Capital Expenditure Cost	\$ 8,399	\$ 8,441	\$ 6,882	\$ 6,712	\$ 6,294	\$ 36,727	\$ 5,758

*Various upgrades to supply works-One major project amortized over 5 years

**Filter Media upgrade - Amortized cost of replacement over a four year time period.

***One major compliance issue amortized over 5 years.

****Assumes one major pressure upgrade/pump house every 3 years.